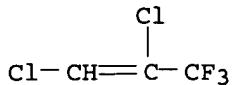


L Number	Hits	Search Text	DB	Time stamp
1	2	("6316682" or ("3436430")).PN.	USPAT; JPO	2002/06/28 11:20
2	3	"02221389"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:20
3	3	"02221962"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:20
4	3	"02222496"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:20
5	3	"02222702"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:20
7	6	((("6316682" or ("3436430")).PN.) or "02221389" or "02221962" or "02222496" or "02222702") and dichloro	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:21
6	14	((("6316682" or ("3436430")).PN.) or "02221389" or "02221962" or "02222496" or "02222702")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:22

Search  
Run

L3 ANSWER 7 OF 7 REGISTRY COPYRIGHT 2002 ACS  
RN 431-27-6 REGISTRY  
CN 1-Propene, 1,2-dichloro-3,3,3-trifluoro- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Propene, 1,2-dichloro-3,3,3-trifluoro- (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 1,2-Dichloro-3,3,3-trifluoro-1-propene  
CN 1,2-Dichloro-3,3,3-trifluoropropene  
MF C3 H Cl2 F3  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CHEMCATS, HODOC\*, IFICDB,  
IFIPAT, IFIUDB, SPECINFO, USPATFULL  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

9 REFERENCES IN FILE CA (1967 TO DATE)  
9 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 1 OF 1 USPATFULL  
AN 2001:202853 USPATFULL  
TI Process for preparing 1,1,1,3,3-pentafluoropropane  
IN Nakada, Tatsuo, Settsu, Japan  
Shibanuma, Takashi, Settsu, Japan  
Akinori, Yamamoto, Settsu, Japan  
PA Daikin Industries, Ltd., Osaka, Japan (non-U.S. corporation)  
PI US 6316682 B1 20011113  
WO 9745388 19971204  
AI US 1998-194609 19981130 (9)  
WO 1997-JP956 19970321  
19981130 PCT 371 date  
19981130 PCT 102(e) date  
PRAI JP 1996-160776 19960531  
DT Utility  
FS GRANTED  
LN.CNT 444  
INCL INCLM: 570/170,000  
NCL NCLM: 570/170,000  
IC [7]  
ICM: C07C017-20  
EXF 570/170  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

(FILE 'HOME' ENTERED AT 11:14:32 ON 28 JUN 2002)

FILE 'REGISTRY' ENTERED AT 11:14:40 ON 28 JUN 2002

L1 0 S 1,2-DICHLORO-3,3,3,TRIFLUOROPROPENE  
L2 0 S 1,2-DICHLORO-3,3,3,TRIFLUOROPROPENE/CN  
L3 7 S DICHLORO AND TRIFLUOROPROPENE  
L4 1 S 431-27-6/RN  
L5 1 S HYDROGEN FLUORIDE/CN

FILE 'USPATFULL' ENTERED AT 11:16:31 ON 28 JUN 2002

L6 0 S L4 AND L5  
L7 1 S L4

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
AN 1969:402956 CAPLUS  
DN 71:2956  
TI Noncatalytic process for chlorofluoroaliphatic hydrocarbons  
IN Hall, Larry Eugene  
PA du Pont de Nemours, E. I., and Co.  
SO U.S., 5 pp.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3436430	A	19690401	US 1967-608503	19670111

L9 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2002 ACS  
AN 2001:483279 CAPLUS  
DN 135:272671  
TI Boiling points of halogenated organic compounds  
AU Horvath, A. L.  
CS The Heath, ICI Chemicals and Polymers Limited, Cheshire, Runcorn, UK  
SO Chemosphere (2001), 44(4), 897-905  
CODEN: CMSHAF; ISSN: 0045-6535  
PB Elsevier Science Ltd.  
DT Journal  
LA English  
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2002 ACS  
AN 1997:805703 CAPLUS  
DN 128:34512  
.TI Process for preparing 1,1,1,3,3-pentafluoropropane by fluorination  
IN Nakada, Tatsuo; Shibanuma, Takashi; Yamamoto, Akinori  
PA Daikin Industries Ltd., Japan; Nakada, Tatsuo; Shibanuma, Takashi;  
Yamamoto, Akinori  
SO PCT Int. Appl., 21 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9745388	A1	19971204	WO 1997-JP956	19970321
	W: CN, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 09323946	A2	19971216	JP 1996-160776	19960531
	EP 919528	A1	19990602	EP 1997-907431	19970321
	R: BE, DE, ES, FR, GB, IT, NL				
	KR 2000016199	A	20000325	KR 1998-709767	19981130
	US 6316682	B1	20011113	US 1998-194609	19981130
PRAI	JP 1996-160776	A	19960531		
	WO 1997-JP956	W	19970321		
OS	MARPAT	128:34512			

L9 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2002 ACS  
AN 1991:473989 CAPLUS  
DN 115:73989  
.TI Chlorofluoropropenes as cleaning solvents for buffing  
IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Nachiro; Asano, Akio  
PA Asahi Glass Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02221389	A2	19900904	JP 1989-41856	19890223

L9 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2002 ACS  
AN 1991:237749 CAPLUS  
DN 114:237749  
.TI Resist developing agents  
IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Nachiro; Asano, Akio  
PA Asahi Glass Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02221962	A2	19900904	JP 1989-41853	19890223

L9 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2002 ACS

AN 1991:104827 CAPLUS

DN 114:104827

TI Unsaturated chlorofluorocarbon-containing dry-cleaning solvents

IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Naohiro; Asano, Akio

PA Asahi Glass Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02222496	A2	19900905	JP 1989-41852	19890223

L9 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2002 ACS

AN 1991:104785 CAPLUS

DN 114:104785

TI Chlorofluoropropene-containing cleaning solvents for moisture removal

IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Naohiro; Asano, Akio

PA Asahi Glass Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02222702	A2	19900905	JP 1989-41857	19890223

L9 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2002 ACS

AN 1991:104514 CAPLUS

DN 114:104514

TI Resist removers comprising chlorofluoropropenes

IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Naohiro; Asano, Akio

PA Asahi Glass Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02222469	A2	19900905	JP 1989-41855	19890223

L9 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2002 ACS

AN 1991:84386 CAPLUS

DN 114:84386

TI Chlorofluoropropene-containing degreasing solvents

IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Naohiro; Asano, Akio

PA Asahi Glass Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI JP 02221388 A2 19900904 JP 1989-41851 19890223

L9 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2002 ACS  
AN 1969:402956 CAPLUS

DN 71:2956

TI Noncatalytic process for chlorofluoroaliphatic hydrocarbons

IN Hall, Larry Eugene

PA du Pont de Nemours, E. I., and Co.

SO U.S., 5 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 3436430	A	19690401	US 1967-608503	19670111